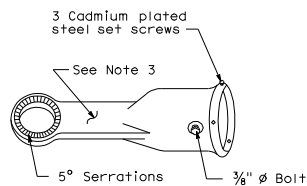


MAST ARM MOUNTING - TYPE "MAT"

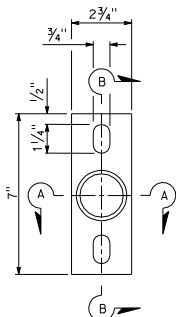
For 2 NPS pipe, see Note 1.



MAST ARM MOUNTING - TYPE "MAS"

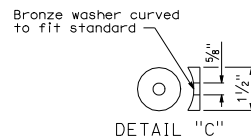
For 2 NPS pipe. See Note 1.

SIGNAL SLIP FITTERS



POLE PLATE

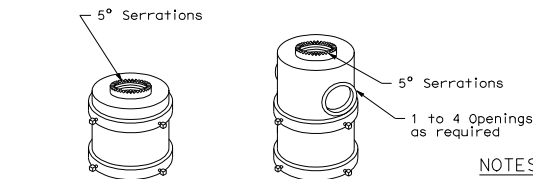
For side mountings



LOCK RING

Use where locking ring is not integral with signal housing or fitting.

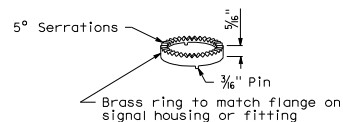
MISCELLANEOUS MOUNTING HARDWARE



For one mounting For multiple mountings

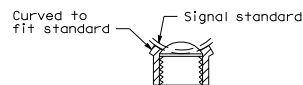
TOP MOUNTINGS

For 4 NPS pipe, see Note 2.

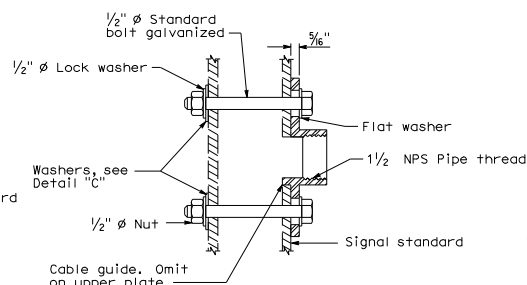


SPECIAL 90° ELBOW

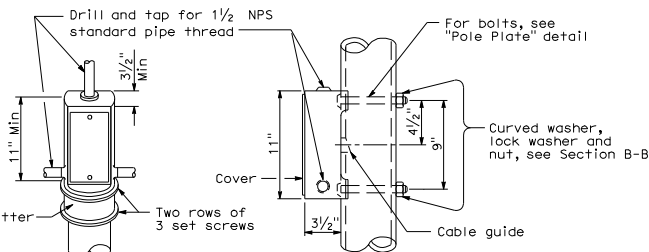
One for each signal head, except those with special slip fitter mounting



SECTION A-A



SECTION B-B



TOP MOUNTING

SIDE MOUNTING

TERMINAL COMPARTMENTS

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL NO. SHEETS

Jeffrey G. McRae
 REGISTERED ELECTRICAL ENGINEER
 No. E14512
 Exp. 6-30-06
 ELECTRICAL
 STATE OF CALIFORNIA

May 1, 2006
 PLANS APPROVAL DATE
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NOTES:

- After mast arm signal has been plumbed and secured, drill $\frac{1}{4}$ " hole through mast arm tenon in line with slip fitter hole. Place a cadmium plated $\frac{3}{8}$ " ϕ galvanized bolt with washer under bolt head through hole and secure with washer, nut, and locknut. Seal openings between mast arm mountings and mast arm with mastic.
- (a) Threaded top mounted slip fitter openings shall be $\frac{1}{2}$ " NPS.
(b) Serrations in fittings shall match those on bottom of signal heads or in lock ring.
(c) Top opening shall be offset when backplate is used.
- Wireway shall have a cross section area of 0.95 square inch minimum. Minimum width of $\frac{1}{2}$ ".

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
 (SIGNAL HEADS AND
 MOUNTINGS)**

NO SCALE

ES-4D